

Fig. 1

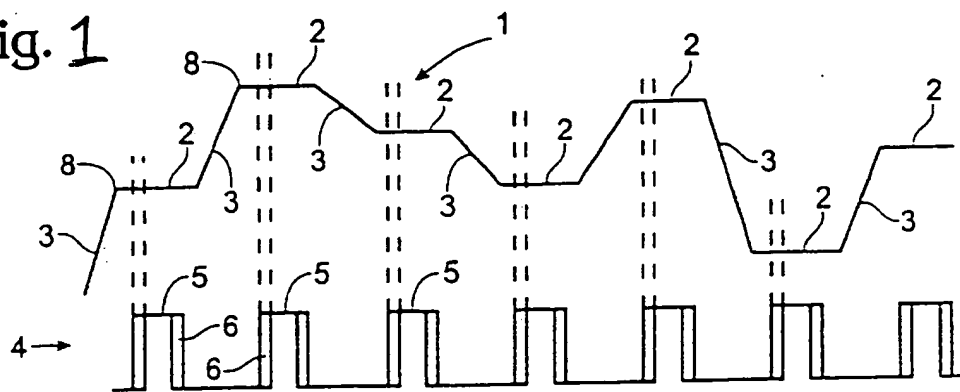


Fig. 2

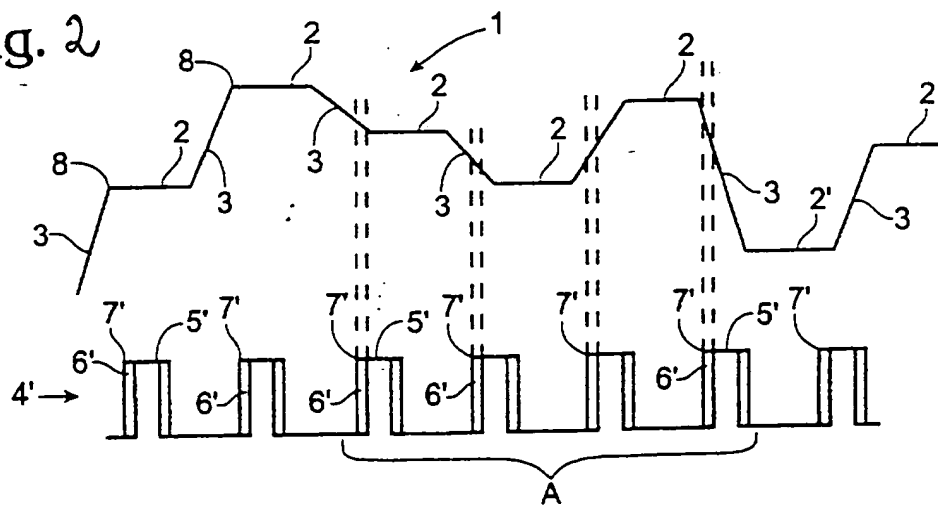


Fig. 3

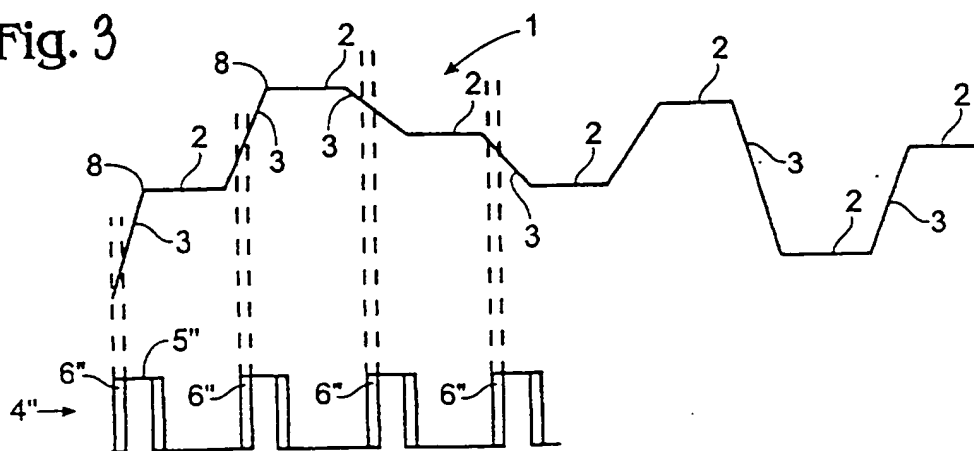


Fig. 4

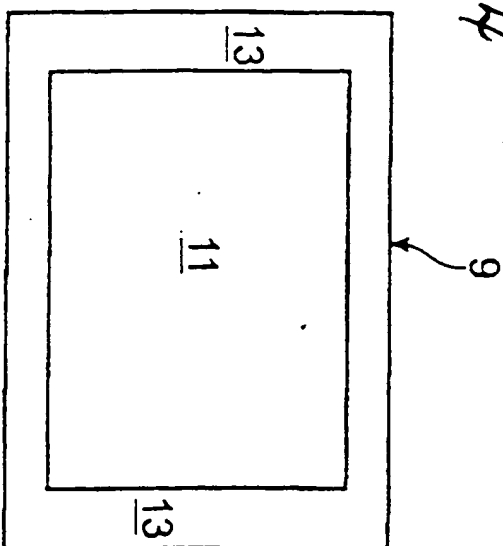


Fig. 5

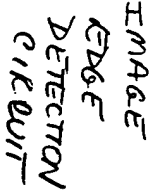


Fig. 6

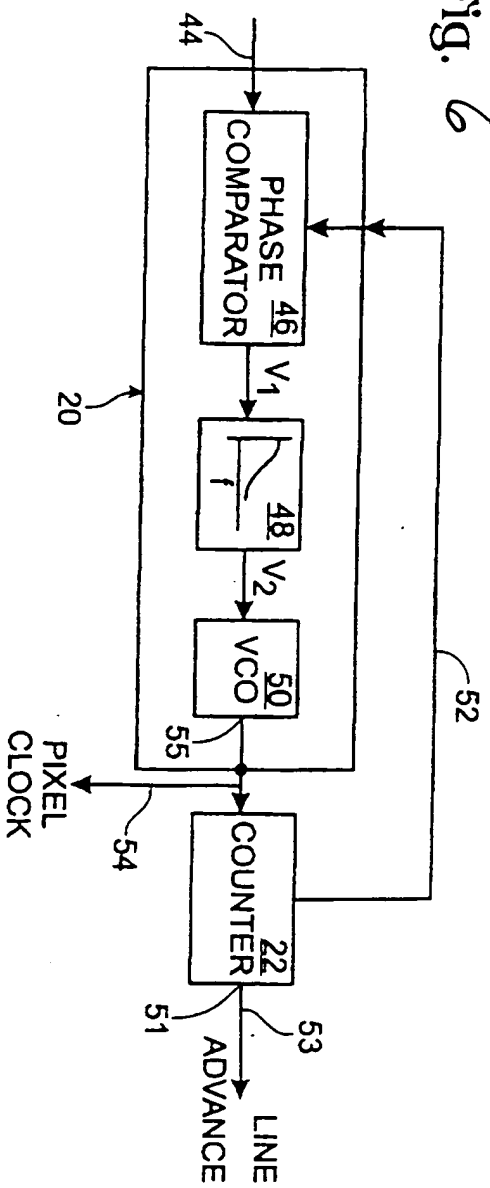


Fig. 7

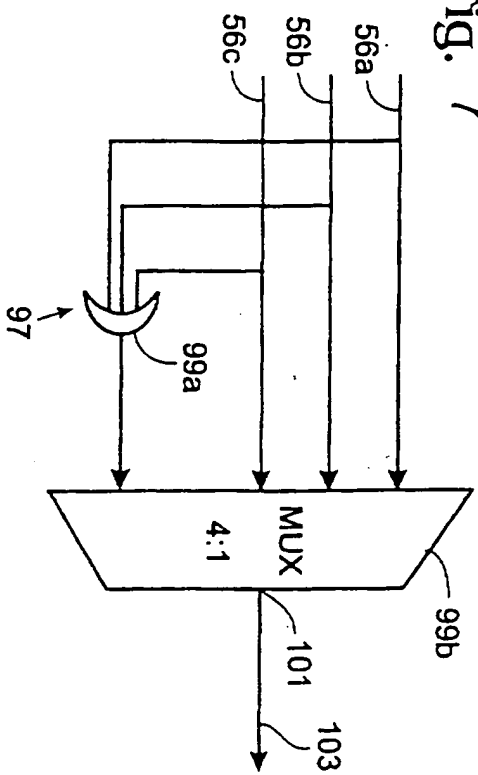


FIG. 8

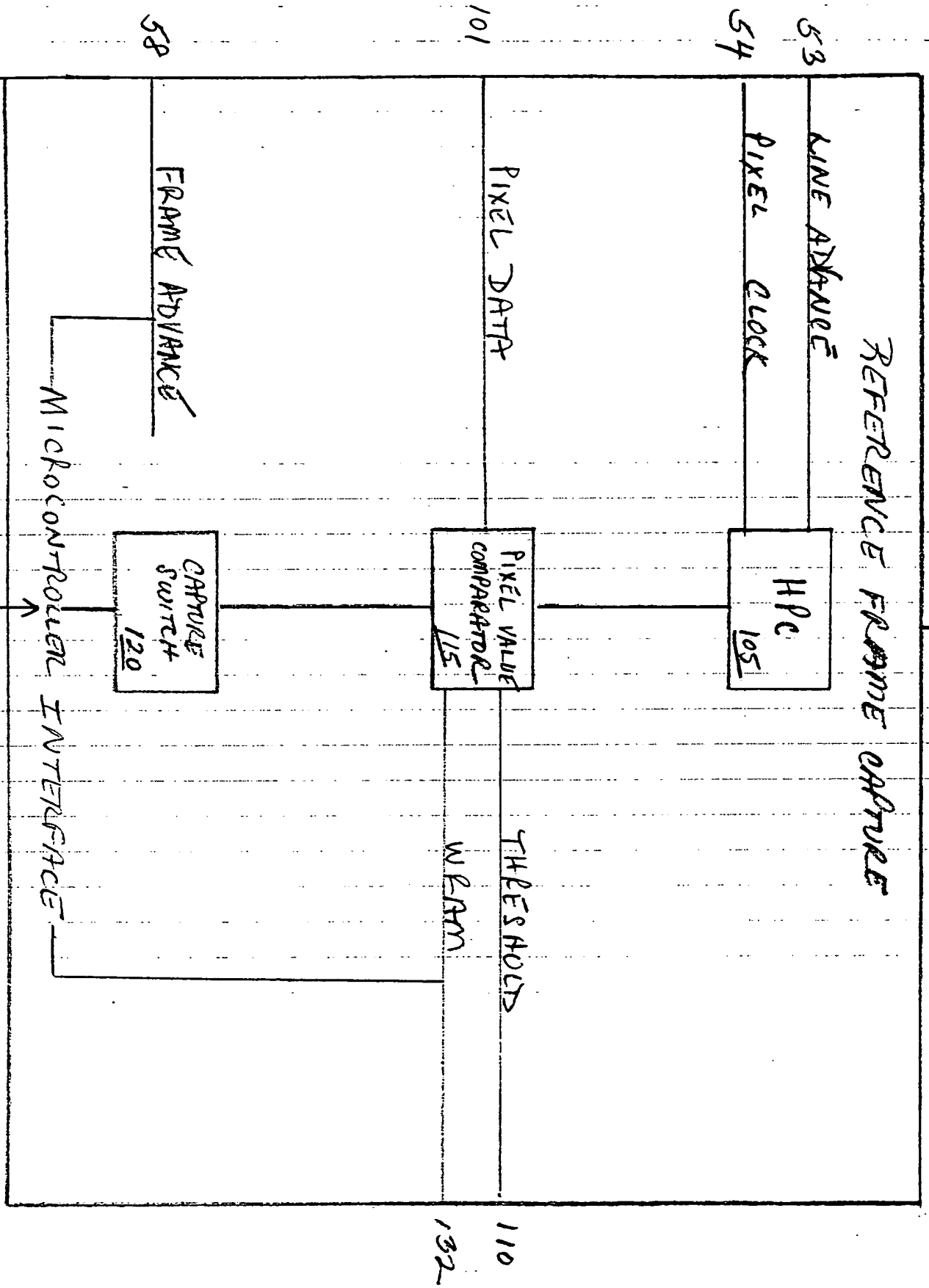
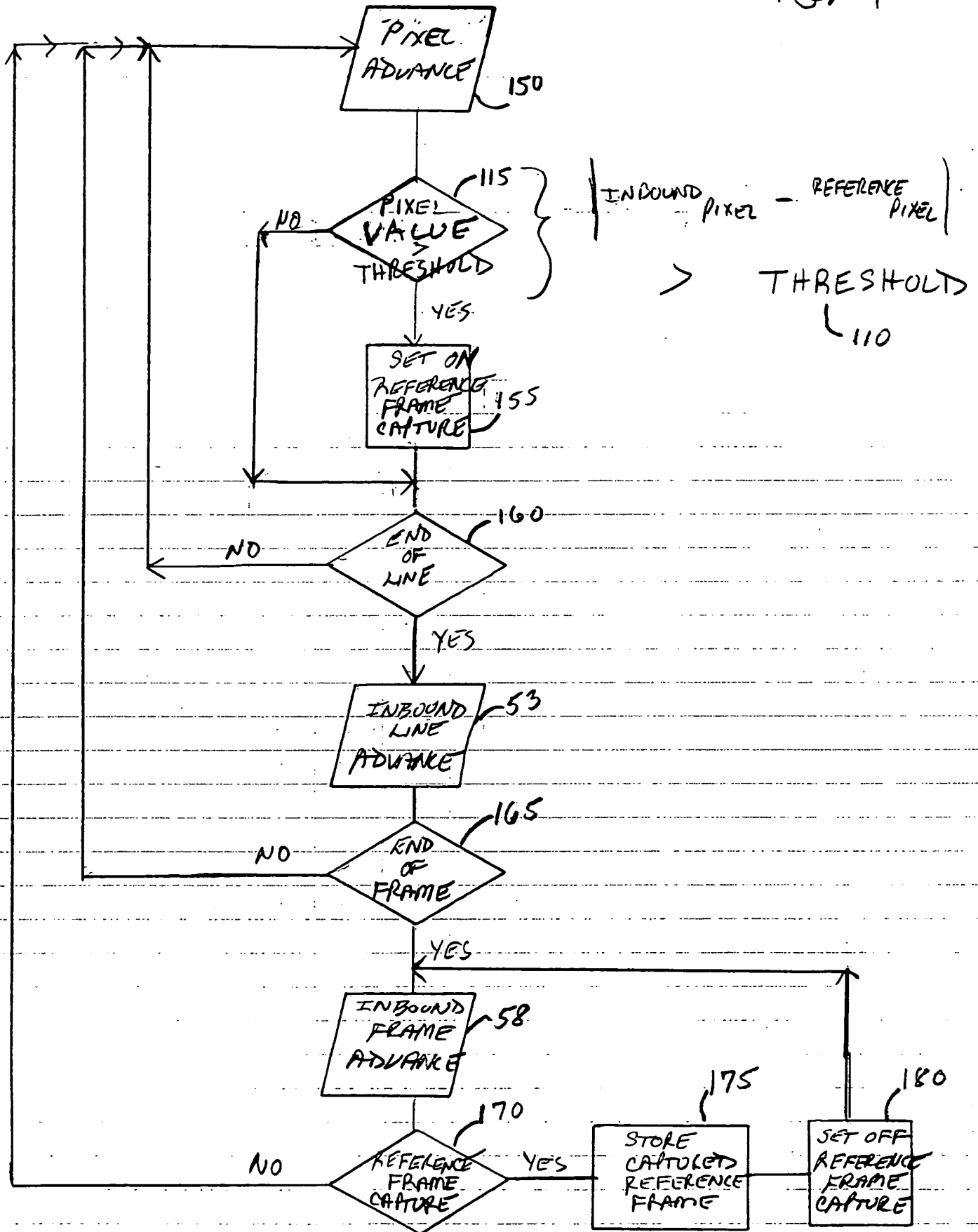


FIG. 9



58 LINE FRAME LINE FRAME		105 HPC (HORIZONTAL POSITION COUNTER)							115 PIXEL VALUE COMPARISON		FIG. 10 ACTION	
LINE	FRAME	1	2	3	4	5	6	7			STORE REFERENCE FRAME	175
1	LINE	1	0	0	0	0	0	0	FF	0		
		2	1	2	1	0	1	0	FE	1		
		3	0	2	0	1	2	0	FF	3		
		4	3	4	0	1	2	0	FC	3		
		5	3	4	2	3	FF	3	FC	0		
2	LINE	1	0	0	0	0	0	0	FB	0		
		2	1	2	0	2	0	0	FB	1		
		3	0	2	0	1	3	0	FD	3		
		4	3	4	0	2	3	0	FB	3		
		5	3	4	2	3	FF	3	FC	0		
3232	LINE	1	3	3	0	0	0	0	FC	0		
		2	1	3	2	0	2	0	FB	1		
		3	0	2	0	3	3	0	FC	3		
		4	3	4	0	1	FF	0	FB	3		
		5	3	4	2	3	FF	FF	FC	0		
3233	LINE	1	5	5	FF	2	3	2	3	FF	1	3

NO
CHANGE

NO
CHANGE

SET ON
REFERENCE
FRAME
CAPTURE

STORE
REFERENCE
FRAME

$$|0-3| = 1$$

$$|3-3| = 0$$

$$|3-FF| = FC$$

$$|3-FF| = FC$$

FIG. 11

INBOUND PIXEL

R	245
G	200
B	87

203 - R | 245
 204 - G | 200
 205 - B | 87

REFERENCE PIXEL
 (STORED) PIXEL

R	241
G	204
B	200

241 | = 4 → FALSE
 204 | = 4 → FALSE
 200 | = 113 → TRUE

75